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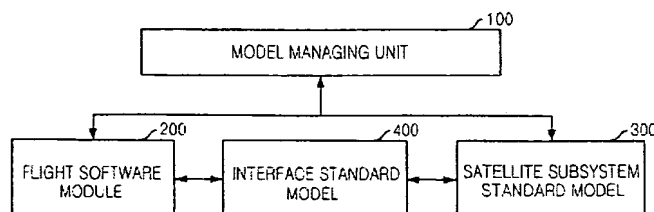
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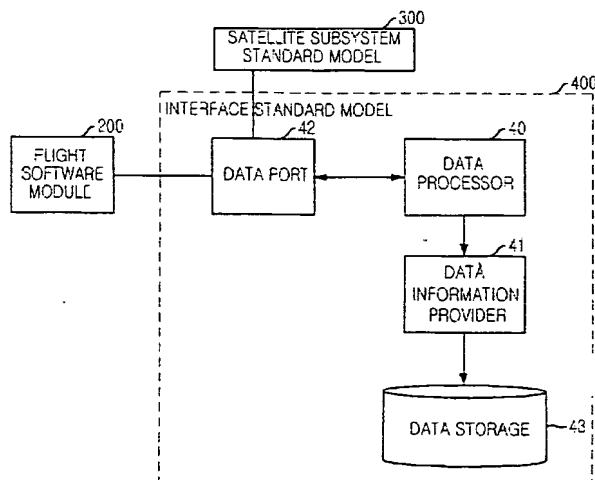
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- (71) Applicant (for all designated States except US): **ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE [KR/KR]**; 161, Gajeong-dong, Yuseong-gu, Daejeon 305-350 (KR).
- (72) Inventors; and
(75) Inventors/Applicants (for US only): **CHO, Sung Ki** [KR/KR]; #E-2 Daedong Village, 392, Gung-dong, Yuseong-gu, Daejeon 305-335 (KR). **LEE, Sang Uk** [KR/KR]; #209-1704 Beodeunae Apt., Taepyeong 2-dong, Jung-gu, Daejeon 301-780 (KR). **KIM, Jae Hoon** [KR/KR]; #109-1303 Hanbit Apt., Eoeun-dong, Yuseong-gu, Daejeon 305-755 (KR). **LEE, Seong-Pal** [KR/KR]; #109-602 Cheonggu Narae Apt., Jeonmin-dong, Yuseong-gu, Daejeon 305-729 (KR).
- (74) Agent: **SHINSUNG PATENT FIRM**; 2F, Line Bldg., 823-30 Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).
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(54) Title: **SATELLITE SIMULATION MODEL SYSTEM BASED ON INTERFACE STANDARD MODEL**



[Fig. 2]



(57) **Abstract:** A satellite simulation model system based on an interface standard model is disclosed. The system includes a satellite subsystem standard model for simulating operations of physical satellite subsystems; a flight software module for generating a control signal changing operation state of the satellite subsystem standard model; an interface standard model for converting data transmitted from the satellite subsystem standard model and the flight software module into data to receiving components and transmitting the converted data to the receiving components; and a model managing unit for generating the satellite subsystem standard model and the interface standard model as independent component objects and controlling each component object to perform satellite simulation.



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